

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/539,924  
Source: PCT  
Date Processed by STIC: 06-29-2005

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 06/29/2005

PATENT APPLICATION: US/10/539,924

TIME: 14:03:05

Input Set : A:\ELLAHK1.002APC.TXT

Output Set: N:\CRF4\06292005\J539924.raw

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4 <110> APPLICANT: Wong, Waiming
5   Lin, Gang
7 <120> TITLE OF INVENTION: BIOLOGICALLY ACTIVE PEPTIDE CONJUGATES
10 <130> FILE REFERENCE: ELLAHK1.002APC
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/539,924
C--> 13 <141> CURRENT FILING DATE: 2005-06-18
15 <150> PRIOR APPLICATION NUMBER: PCT/CN2003/001054
16 <151> PRIOR FILING DATE: 2003-12-10
18 <150> PRIOR APPLICATION NUMBER: 60/435,796
19 <151> PRIOR FILING DATE: 2002-12-18
21 <160> NUMBER OF SEQ ID NOS: 30
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26 <211> LENGTH: 10
27 <212> TYPE: PRT
28 <213> ORGANISM: Sus scrofa
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32 1          5          10
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36 <211> LENGTH: 9
37 <212> TYPE: PRT
38 <213> ORGANISM: Sus scrofa
40 <400> SEQUENCE: 2
41 Val Val Tyr Pro Trp Thr Gln Arg Phe
42 1          5
45 <210> SEQ ID NO: 3
46 <211> LENGTH: 13
47 <212> TYPE: PRT
48 <213> ORGANISM: Sus scrofa
50 <400> SEQUENCE: 3
51 Lys Ala Val Gly His Leu Asp Asp Leu Pro Gly Ala Leu
52 1          5          10
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 18
57 <212> TYPE: PRT
58 <213> ORGANISM: Sus scrofa
60 <400> SEQUENCE: 4
61 Val Ala Pro Glu Glu His Pro Thr Leu Leu Thr Glu Ala Pro Leu Asn
62 1          5          10          15
63 Pro Lys
67 <210> SEQ ID NO: 5
68 <211> LENGTH: 13

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69 <212> TYPE: PRT
70 <213> ORGANISM: Sus scrofa
72 <400> SEQUENCE: 5
73 Leu Gly Met Glu Ala Cys Gly Ile His Glu Thr Thr Tyr
74 1          5          10
77 <210> SEQ ID NO: 6
78 <211> LENGTH: 11
79 <212> TYPE: PRT
80 <213> ORGANISM: Sus scrofa
82 <400> SEQUENCE: 6
83 Leu Arg Val Ala Pro Glu Glu His Pro Val Leu
84 1          5          10
87 <210> SEQ ID NO: 7
88 <211> LENGTH: 12
89 <212> TYPE: PRT
90 <213> ORGANISM: Sus scrofa
92 <400> SEQUENCE: 7
93 Ala Ala His His Pro Asp Asp Phe Asn Pro Ser Val
94 1          5          10
97 <210> SEQ ID NO: 8
98 <211> LENGTH: 13
99 <212> TYPE: PRT
100 <213> ORGANISM: Sus scrofa
102 <400> SEQUENCE: 8
103 Pro Ser Ile Val Gly Arg Pro Arg His Gln Gly Val Met
104 1          5          10
107 <210> SEQ ID NO: 9
108 <211> LENGTH: 13
109 <212> TYPE: PRT
110 <213> ORGANISM: Sus scrofa
112 <400> SEQUENCE: 9
113 Ile Gly Met Glu Ser Ala Gly Ile His Glu Thr Thr Tyr
114 1          5          10
117 <210> SEQ ID NO: 10
118 <211> LENGTH: 9
119 <212> TYPE: PRT
120 <213> ORGANISM: Sus scrofa
122 <400> SEQUENCE: 10
123 Val Gly Met Gly Glu Lys Asp Ser Tyr
124 1          5
127 <210> SEQ ID NO: 11
128 <211> LENGTH: 9
129 <212> TYPE: PRT
130 <213> ORGANISM: Sus scrofa
132 <400> SEQUENCE: 11
133 Val Gly Met Gly Gln Lys Asp Ser Tyr
134 1          5
137 <210> SEQ ID NO: 12
138 <211> LENGTH: 10

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Input Set : A:\ELLAHK1.002APC.TXT

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139 <212> TYPE: PRT  
140 <213> ORGANISM: Sus scrofa  
142 <400> SEQUENCE: 12  
143 Val Gly Met Gly Gln Lys Asp Ser Tyr Val  
144 1 5 10  
147 <210> SEQ ID NO: 13  
148 <211> LENGTH: 10  
149 <212> TYPE: PRT  
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152 <400> SEQUENCE: 13  
153 Met Ala Thr Ala Ala Ser Ser Ser Ser Leu  
154 1 5 10  
157 <210> SEQ ID NO: 14  
158 <211> LENGTH: 3  
159 <212> TYPE: PRT  
160 <213> ORGANISM: Sus scrofa  
162 <400> SEQUENCE: 14  
163 Tyr Ser Phe  
164 1  
167 <210> SEQ ID NO: 15  
168 <211> LENGTH: 3  
169 <212> TYPE: PRT  
170 <213> ORGANISM: Sus scrofa  
172 <400> SEQUENCE: 15  
173 Ala Ala Phe  
174 1  
177 <210> SEQ ID NO: 16  
178 <211> LENGTH: 3  
179 <212> TYPE: PRT  
180 <213> ORGANISM: Sus scrofa  
182 <400> SEQUENCE: 16  
183 Tyr Ser Leu  
184 1  
187 <210> SEQ ID NO: 17  
188 <211> LENGTH: 7  
189 <212> TYPE: PRT  
190 <213> ORGANISM: Sus scrofa  
192 <400> SEQUENCE: 17  
193 Thr Thr Tyr Asn Ser Ile Met  
194 1 5  
197 <210> SEQ ID NO: 18  
198 <211> LENGTH: 5  
199 <212> TYPE: PRT  
200 <213> ORGANISM: Sus scrofa  
202 <400> SEQUENCE: 18  
203 Phe Glu Glu Asn Met  
204 1 5  
207 <210> SEQ ID NO: 19  
208 <211> LENGTH: 5

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Input Set : A:\ELLAHK1.002APC.TXT

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209 <212> TYPE: PRT  
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213 Phe Glu Pro Ser Phe  
214 1 5  
217 <210> SEQ ID NO: 20  
218 <211> LENGTH: 4  
219 <212> TYPE: PRT  
220 <213> ORGANISM: Sus scrofa  
222 <400> SEQUENCE: 20  
223 Phe Asn Glu Glu  
224 1  
227 <210> SEQ ID NO: 21  
228 <211> LENGTH: 4  
229 <212> TYPE: PRT  
230 <213> ORGANISM: Sus scrofa  
232 <400> SEQUENCE: 21  
233 Phe Glu Glu Met  
234 1  
237 <210> SEQ ID NO: 22  
238 <211> LENGTH: 4  
239 <212> TYPE: PRT  
240 <213> ORGANISM: Sus scrofa  
242 <400> SEQUENCE: 22  
243 Phe Glu Glu Glu  
244 1  
247 <210> SEQ ID NO: 23  
248 <211> LENGTH: 4  
249 <212> TYPE: PRT  
250 <213> ORGANISM: Sus scrofa  
252 <400> SEQUENCE: 23  
253 Phe Glu Ser Phe  
254 1  
257 <210> SEQ ID NO: 24  
258 <211> LENGTH: 4  
259 <212> TYPE: PRT  
260 <213> ORGANISM: Sus scrofa  
262 <400> SEQUENCE: 24  
263 Pro Glu Asn Phe  
264 1  
267 <210> SEQ ID NO: 25  
268 <211> LENGTH: 4  
269 <212> TYPE: PRT  
270 <213> ORGANISM: Sus scrofa  
272 <400> SEQUENCE: 25  
273 Phe Val Asn Asp  
274 1  
277 <210> SEQ ID NO: 26  
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PATENT APPLICATION: US/10/539,924

DATE: 06/29/2005

TIME: 14:03:05

Input Set : A:\ELLAHK1.002APC.TXT

Output Set: N:\CRF4\06292005\J539924.raw

279 <212> TYPE: PRT  
280 <213> ORGANISM: Sus scrofa  
282 <400> SEQUENCE: 26  
283 Phe Gln Pro Ser Phe  
284 1 5  
287 <210> SEQ ID NO: 27  
288 <211> LENGTH: 6  
289 <212> TYPE: PRT  
290 <213> ORGANISM: Sus scrofa  
292 <400> SEQUENCE: 27  
293 Phe Asn Phe Val Pro Pro  
294 1 5  
297 <210> SEQ ID NO: 28  
298 <211> LENGTH: 10  
299 <212> TYPE: PRT  
300 <213> ORGANISM: Sus scrofa  
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303 Ala Gly Asp Asp Ala Pro Arg Ala Val Phe  
304 1 5 10  
307 <210> SEQ ID NO: 29  
308 <211> LENGTH: 11  
309 <212> TYPE: PRT  
310 <213> ORGANISM: Sus scrofa  
312 <400> SEQUENCE: 29  
313 Leu Arg Val Ala Pro Glu Glu His Pro Thr Leu  
314 1 5 10  
317 <210> SEQ ID NO: 30  
318 <211> LENGTH: 10  
319 <212> TYPE: PRT  
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322 <400> SEQUENCE: 30  
323 Arg Val Ala Pro Glu Glu His Pro Thr Leu  
324 1 5 10

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/539,924

DATE: 06/29/2005

TIME: 14:03:06

Input Set : A:\ELLAHK1.002APC.TXT

Output Set: N:\CRF4\06292005\J539924.raw

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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date